

Arkema Summary - 1300 hrs - 3 September 2017

The manual ignition of the trailers was cancelled. This approach not completely off the table, just not being currently discussed.

Overnight operations observed smoke and ash, as well as a strong sweet/detergent-like odor. An orange glow was also seen. The organic peroxides in the trailers have a strong odor associated with them. These organic peroxides are venting and each trailer contains approximately 38k lbs within them. There are small fires occurring and vaporization of the product.

No monitoring readings were detected. No adverse effects were reported, only odor. Complaints were called in from outside the perimeter. The calls were consistent with the wind direction which was towards the southeast.

The list of decomposition products are not considered toxic, but have low odor threshold and therefore have strong odors.

The temperature information being reported is still considered inaccurate and is not being disseminated.

- Access to the facility is still unsafe.
- 1.5-mile radius evacuation still in effect.
- EPA will continue to maintain a rotational 24-hrs presence and air monitoring capabilities at the incident command operations center.

ASPECT

ASPECT confirmed smoke and made a chemical sweep directly over the trailers. Many chemical detections were made consistent with light hydrocarbons (e.g., 1,3-butadiene) caused by the heated constituents emitted from the trailers. These hydrocarbons were all measured slightly above the limit of detection (about 5 ppm). Other downwind passes (50 m to 100 m) did not show chemical detections above the detection limits.

Recent flyover photos indicate that flood waters within the facility have receded almost completely.

1035 this morning - ASPECT has flown the Arkema site and detected very low levels of periodic emissions, most likely residual from last night.